

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
S 4508

SERIAL NO.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Paul MALLO et al.

FILING DATE
January 19, 1999

GROUP



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AB	AA	5,185,395	02/93	ROBINSON et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
AB	AJ	WO 92/03498	03/92	International WO			N/A
AB	AK	0 503 853	09/92	Europe			N/A
	AL						
	AM						
	AN						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AO	
	AP	
	AQ	

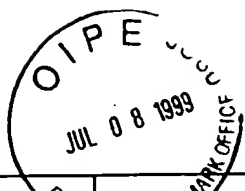
EXAMINER

Alyssa B.

DATE CONSIDERED

10/29/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	PATENT DOCKET NO. 5-4508	SERIAL NO. 09/233,177
	APPLICANT Paul MALLO et al.	
	FILING DATE January 19, 1999	GROUP 1615

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
JAB	AA	4,539,368	09/85	DUNCAN et al.			
	AB	4,702,844	10/87	FLESHER et al.			
	AC	4,906,701	03/90	CLARK, Jr.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
	AL	0 793 957	09/97	Europe			
	AM						
	AN						
	AO						
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AR	
	AS	
	AT	

EXAMINER**DATE CONSIDERED**

10/29/99

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